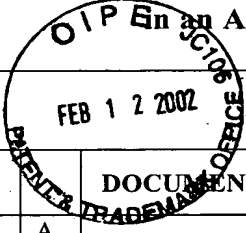


PTO-1449		Application No. 10/023,229		Applicant(s) James M. Irion II, et al.	
Information Disclosure Citation In an Application 		Docket Number 004578.1140	Group Art Unit Unknown	Filing Date 12/14/2001	

U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS

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NON-PATENT DOCUMENTS

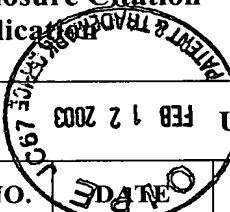
	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)
TP	P U.S. Serial No. 10/022,753, filed December 14, 2001, entitled "Slot for Decade Band Tapered Slot Antenna, and Method of Making and Configuring Same", inventors Nicholas A. Schuneman, et al. (Attorney Docket 004578.1193).
TS	Q U.S. Serial No. 10/023,800, filed December 14, 2001, entitled "Decade Band Tapered Slot Antenna, and Method of Making Same", inventors Nicholas A. Schuneman, et al. (Attorney Docket 004578.1194).
PR	R U.S. Serial No. 09/946,848, filed September 4, 2001, entitled "Method and Apparatus for Increasing Bandwidth of a Stripline to Slotline Transition", inventors James M. Irion II, et al. (Attorney Docket 004578.1150).

EXAMINER <i>THO PHAN</i>	DATE CONSIDERED <i>5/21/03</i>
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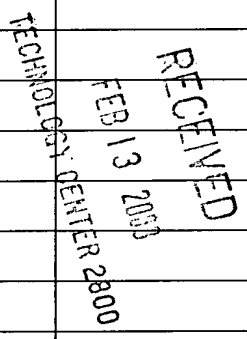
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PTO-1449				Application No. 10/023,229		Applicant(s) James M. Irion II, et al.	
Information Disclosure Citation in an Application				Docket Number 004578.1140	Group Art Unit Unknown	Filing Date 12/14/2001	



		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
TP	A	6,008,770	12/28/99	Sugawara			
	B						
	C						
	D						
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	F						
	G						
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	J						
	K						
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FOREIGN PATENT DOCUMENTS								
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
TP	M	0,343,322	11/29/89	EPC				(N/A)
	N							
	O							

NON-PATENT DOCUMENTS	
	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)
TP	P Chio, et al., "Large Wideband Dual-Polarized Array of Vivaldi Antennas with Radome", 1999 Asia Pacific Microwave Conference (Singapore), IEEE, Piscataway, New Jersey, November 30, 1999, pages 92-95.
	Q
	R

EXAMINER <i>Tao phan</i>	DATE CONSIDERED 5/21/03
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PTO-1449	Application No. Unknown	Applicant(s) James M. Irion II, et al.	
	Docket Number 004578.1140	Group Art Unit Unknown	Filing Date 12/14/2001
Information Disclosure Citation in an Application			

U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
70	A	4,843,403	06/27/89	Lalezari, et al.			
70	B	4,853,704	08/01/89	Diaz, et al.			
70	C	5,036,335	07/30/91	Jairam			
70	D	5,081,466	01/14/92	Bitter, Jr.			
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							YES	NO
	K							
	L							
	M							

NON-PATENT DOCUMENTS

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)						
70	N	Schaubert, Daniel H., "Wide-Band Phased Arrays of Vivaldi Notch Antennas", Antenna Laboratory, University of Massachusetts, pp. 1.6 and 1.9-1.12, undated.						
	O	Pickles, W. R., et al., "Ultra-Broadband Phased-Array Antenna", U.S. Naval Research Laboratory, pp. 1-6; undated.						
	P	Shin, Joon, et al., "A Parameter Study of Stripline-Fed Vivaldi Notch-Antenna Arrays", IEEE Transactions on Antennas and Propagation, Vol. 47, No. 5, May 1999, pp. 879-886.						
	Q	Chio, Tan-Huat, et al., "Parameter Study and Design of Wide-Band Widescan Dual-Polarized Tapered Slot Antenna Arrays", IEEE Transactions on Antennas and Propagation, Vol. 48, No. 6, June 2000, pp. 879-886.						
	R	Kragalott, Mark, et al., "Design of a 5 : 1 Bandwidth Stripline Notch Array from FDTD Analysis", IEEE Transactions on Antennas and Propagation, Vol. 48, No. 11, November 2000, pp. 1733-1741.						
	S	Lee, Hai Fong, et al., "Advances in Microstrip and Printed Antennas", John Wiley & Sons, Inc., New York, 1997, two title pages and pp. 447-453 and 510-514.						
70	T	Simon, K., "MMIC Compensation Network for Phased Array Element Mismatch", Raytheon Company, Research Division, September 14, 1990, 68 pages.						

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5/21/03

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